01-22-02

PTO/SB/05 (12/97) Approved for use through 09/30/00. OMB 0651-0032

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UTILITY PATENT APPLICATION **TRANSMITTAL**

Please type a plus sign (+) inside this box → +

Attorney Docket No. TI-27725.3 First Named Inventor or Application Identifier John M. Cioffi, et al. Method and Apparatus for Coordinating Multi-Point-to-Point Communications in a Multi-Tone Data Transmission System

APPLICATION ELEMENTS See NINET Compare 300 concenting utility patient application contents APPLICATION ELEMENTS See NINET Compare 300 concenting utility patient application contents I. X Fractional Error (a.g., FTCSB17) (Stown or organ), and a dujustey for as processing) (Stown or organ), and a dujustey for as processing) (Stown or organ), and a dujustey for as processing) (Stown or organ), and a dujustey for as processing) (Stown or organ), and a dujustey for as processing) (Stown organ), and a dujustey for as processing) (Stown organ), and a dujustey for as processing) (Stown organ), and a dujustey for a processing for a graph organ) (Stown or a prior application (37 CFR 1, 63(6)) (Stown organ), and a dujustey for a processing for a graph organ) (Stown organ) (Stown or a prior application organ) (Stown or	Express Ma					bel No	D.	EV052548	910US			_
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- Cross References to Related Applications - Statement Regarding Fed sponsored R&D - Reference to Microfitche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description of the Drawings (if filed) - Claim(s) - Abstract of the Disclosure 3. X Drawing(s) (35 USC d113) 4. Oath or Declaration 7. Total Pages 3. 1 Newly Executed (original or copy) 8. Assignment Pagers (cover sheet & Documents(s)) 9. 37 CFR 3.73(b) Statement (when there is an assignee) - Power of Attorney - Antoney - Replication (Glosphora) - R				52]	7.				Submission	00/	
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- Brief Summary of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 3.		• • • • • • • • • • • • • • • • • • • •										
- Detailed Description - Claim(s) - Abstract of the Disclosure 3.	_	- Background of the Invention				c. Statement verifying identical of above copies						
- Claim(s) - Abstract of the Disclosure 3.	- Brief Description of the Drawings (if filed)				ACCOMPANYING APPLICATION PARTS							
3. X Drawing(s) (35 USC d113)	- Claim(s)					8.		Assignment Papers	(cover sheet	& Documents(s	s))	
a. Newly Executed (original or copy) a. Newly Executed (original or copy) b. X Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) [Note Box 5 below] i. Deletion OF Inventor(s) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 5. X Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the eath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. 17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment: Continuation X Divisional Continuation: Examiner Alpus H. Hsu Group / Art Unit: 2662 18. CORRESPONDENCE ADDRESS CITY STATE ZIP CODE TELEPHONE 72/917-5646 Registration No. (Attorney/Agent) 28,885 Name (Print/Type) J. Dennis Mode Registration No. (Attorney/Agent) 28,885				12]]	9.						
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Incorporation By Reference (useable if Box 4b is checked) 14. Small Entity Statement filed in prior application 16. Other: 17. Incorporation By Reference (useable if Box 4b is checked) 16. Other: 17. Incorporation By Reference (useable if Box 4b is checked) 17. Incorporation By Reference (useable if Box 4b is checked) 18. Incorporation By Reference (useable if Box 4b is checked) 18. Incorporation By Reference (useable if Box 4b is checked) 18. Incorporation By Reference (useable if Box 4b is checked) 18. Incorporation By Reference (useable if Box 4b is checked) 18. Incorporation By Reference (useable if Box 4b is checked) 18. Incorporation By Reference (useable if Box 4b is checked) 18. Incorporation By Reference (useable if Box 4b is checked) 18. Incorporation By Reference (useable if Box 4b is checked) Incorporation By Reference (a.	Newly Executed (original or copy)			11.	X					
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See 37 CFR 1.63(d)(2) and 1.33(b). 15. Certified Copy of Priority Document(s) if foreign priority is claimed 15. Certified Copy of Priority Document(s) if foreign priority is claimed 15. Certified Copy of Priority Document(s) if foreign priority is claimed 16. Other: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. 16. Other: A new statement is required to be entitled to pay small entity fees, except where one has been filed in a prior application and is being reflect upon.	Signed statement attached deleting inventor(s) named in the prior application,				14.						1	
5. X Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. 17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment: Continuation					Certified Copy of Priority Document(s)							
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Continuation X Divisional Continuation-in-part (CIP) of prior application No: 08/913,210. Prior application information: Examiner Alpus H. Hsu Group / Art Unit: 2662	hereby	incorporated by re	ference therein.			where one has been filed in a prior application and is being relied upon.						
Prior application information: Examiner Alpus H. Hsu Group / Art Unit: 2662 18. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label 23494 or Correspondence address below NAME ADDRESS CITY STATE ZIP CODE COUNTRY TELEPHONE 972/917-5646 972/917-4418 Name (Print/Type) J. Dennis Moore Registration No. (Attorney/Agent) 28,885	17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:											
18. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label 23494 or ☐ Correspondence address below NAME ADDRESS CITY STATE ZIP CODE COUNTRY TELEPHONE 972/917-5646 Name (Print/Type) J. Dennis Moore Registration No. (Attorney/Agent) 28,885												
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ADDRESS CITY	Customer Number or Bar Code Label			494	4 or Correspondence address below							
CITY STATE ZIP CODE COUNTRY TELEPHONE 972/917-5646 FAX Name (Print/Type) J. Dennis Moore Registration No. (Attorney/Agent) 28,885	NAME											_
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972/917-5646 972/917-4418 Name (Print/Type) J. Dennis Moore Registration No. (Attorney/Agent) 28,885	CITY STATE						ZIP CODE					
Data	COUNTRY				7-564	16				972/917-4	418	
Signature	Name (Print/Type)		J. Dennis Moore	nnis Woore			Registration No. (Attorney/Agent) 28,885					
	Signature						•		Date	1/17/	02	

PTO/SB/17 (1/98) Approved for use through 09/30/2000. OMB 0651-0032 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Complete If Known FEE TRANSMITTAL Application Number 01/17/2002 Patent fees are subject to annual revision on October 1. Filing Date These are the fees effective October 1, 1997 First Named Inventor John M. Cioffi, et al. Small Entity payments must be supported by a small entity statement, **Examiner Name** otherwise large entity fees must be paid. See Forms PTO/SB/09-12. Group / Art Unit TI-27725.3 Attorney Docket No. TOTAL AMOUNT OF PAYMENT (\$) 740.00 FEE CALCULATION (continued)

METHOD OF PAYMENT					ree (CALCULATION (Continued)	
The Commissioner is her Deposit Account,	eby authorized to charge to the following	3.	3. ADDITIONAL FEES				
Deposit Account Number	20-0000	Large Fee Code 105	Entity Fee (\$) 130	Small Fee Code 205	Entity Fee (\$) 65	Fee Description Surcharge - late filing fee	Fee Paid
Deposit Account Name Texas Instruments Incorporated		127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
Charge any additional fee required or credit any	Charge all indicated fees and any additional fee required or credit any overpayment	139	130	139	130	Non-English specification	
overpayment	Great any overpayment	147	2,520	147	2,520	For filing a request for reexamination	
2. Payment Enclosed	d:	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
, , , , , , ,	Money Other Order	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
FEE CALC	ULATION	115	110	215	55	Extension for reply within first month	
1. BASIC FILING FEE		116	400	216	200	Extension of time within second month	
***		117	950	217	475	Extension of time within third month	
Large Entity Small Entity Fee Fee Fee Fee	Fee Description Fee Paid	118	1,510	218	755	Extension of time within fourth month	
Code (\$) Code (\$)	1 00 Boothphon 1 00 1 mm	128	2,060	228	1,030	Extension of time within fifth month	
101 790 201 395	Utility filing fee \$740	119	310	219	155	Notice of Appeal	
106 330 206 165	Design filing fee \$	120	310	220	155	Filing a brief in support of an appeal	
107 540 207 270	Plant filing fee \$	121	270	221	135	Request for oral hearing	
108 790 208 395	Reissue filing fee \$	138	1,510	138	1,510	Petition to institute a pubic use proceeding	
114 150 214 75	Provisional filing fee \$	140	110	240	55	Petition to revive - unavoidable	
***		141	1,320	241	660	Petition to revive - unintentional	
Herrift	SUBTOTAL (1) (\$)740	142	1,320	242	660	Utility issue fee (or reissue)	
		143	450	243	225	Design issue fee	
2. EXTRA CLAIM FEES		144	670 130	244 122	335 130	Plant issue fee Petitions to the Commissioner	
स्मार्थः	Fee from .	122 123	50	123	50	Petitions related to provisional applications	s
Extra	Claims below Fee Paid	126	240	126	240	Submission of Information Disclosure Stm	l i
∄Total Claims 5 -20**= 0 x 18 = 0			40	581	40	Recording each patent assignment per properly (time number of properties)	
Independent 2 -3** = 0 Claims		146	790	246	395		
Multiple Dependent	=	149	790	249	395		
**or number previously paid, if greater; Fo	Reissue, see below	143	700	2.10	000	examined (37 CFR 1.129(b))	
Large Entity Small Entity	man man a destruction						
Fee Fee Fee Fee Code (\$) Code (\$)	Fee Description						
Code (\$) Code (\$) 103 22 203 11	Claims in excess of 20	Oth	Other fee (specify)				
102 82 202 41	Independent Claims in excess of 3	1					
104 270 204 135	Multiple dependent claims in excess of 3						
109 82 209 41	**Reissue independent claims over original patent **Reissue claims in excess of 20 and over	Other fee (specify)					
110 22 210 11							
	*Reduced by Basic Filing Fee Paid					0.00	
SUBMITTED BY					Complete (if app		
. L Dennis Moore						Reg. Number	28,885
Typed or Printed Name	+ ///			Da	te	Deposit Account User ID	

SUBMITTED BY

Typed or Printed Name

J. Dennis Moore

Date

Deposit Account User ID

Signature

Burden Hour Statement: This form is estimated to take 9.2 nours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Assistant Commissioner for Patents, Washington, Df 20231